

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (Currently Amended) A method for providing media packets to users, ~~the end users~~ coupled to a communication network having a communication network protocol, the method comprising ~~the steps of~~:
 - receiving non-addressable media packets;
 - blocking media packets of non-selected media streams;
 - converting non-addressable media packets of selected media streams to addressable media packets complying with transmission parameters and with specifications of the communication network protocol by, first, associating the non-addressable media packets of the selected media streams with routing information to allow switching of the media packets to appropriate output ports of a routing apparatus, and, second, replacing the routing information with respective Internet protocol multicast addresses associated with the selected media streams to which the media packets belong; and
 - routing the addressable media packets in response to selection signals received from the end users.
2. (Currently Amended) The method of claim 1 wherein the transmission parameters reflect an available bandwidth for transmitting the addressable media packets to the users.
3. (Currently Amended) The method of claim 1 wherein the transmission parameters reflect an available processing capacity of the users.

4. (Currently Amended) The method of claim 1 wherein ~~the step of~~ converting comprises compressing the media packets in response to the transmission parameters.
5. (Currently Amended) The method of claim 1 wherein ~~the step of~~ routing comprises allowing multicast transmission of the media packets.
6. (Currently Amended) The method of claim 1 wherein the specifications of the communication network protocol define a format of the addressable media packets.
7. (Original) The method of claim 1 wherein the communication network protocol is selected from a group of protocols consisting of: TCP/IP, and UDP/IP.
8. (Currently Amended) The method of claim 1 wherein ~~the step of receiving comprising the steps of~~ comprises receiving RF signals representative of the non-addressable media packets and down-converting the RF signals to base band signals.
9. (Currently Amended) The method of claim 8 wherein ~~the step of~~ down-converting the RF signals is followed by ~~a step of~~ de-modulating the base band signals.
10. (Currently Amended) The method of claim 1 wherein ~~the step of~~ converting comprises at least one step selected from the group consisting of: multiplexing; re-multiplexing; rate adaptation; PID re-stamping; PCR re-stamping; and updating system information embedded in transport streams.
11. (Currently Amended) The method of claim 1 further comprising ~~a step of~~ processing the addressable media packets to display visual content embedded within the addressable media packets.

12. (Currently Amended) The method of claim 1 further comprising receiving, in addition to the non-addressable media packets and at the routing apparatus, addressable packets and routing the addressable packets in response to routing information embedded within the addressable packets.

13. (Currently Amended) A method for displaying audio visual content to end-users, the method comprising ~~the steps of~~:

receiving media stream packets from a cable communication network;

converting the received media stream packets to local area network compliant packets by, first, associating the media stream packets with routing information to allow switching of the media stream packets to appropriate output ports of a routing apparatus, and, second, replacing the routing information with Internet protocol address information associated with media streams to which the media stream packets belong; and

providing the local area network compliant packets to the end-users coupled to ~~the~~ a local area network in response to selection signals received from the end-users.

14. (Currently Amended) The method of claim 13 further comprising ~~a step of~~ receiving, at the routing apparatus, data packets from a non-cable communication network and providing the data packets to the end-users.

15. (Currently Amended) The method of claim 13 further comprising ~~a step of~~ processing the local area network compliant packets to display visual content embedded within the local area network compliant packets.

16. (Currently Amended) The method of claim 13 wherein ~~the step of~~ converting comprises adjusting the ~~received~~ media stream packets to comply with transmission parameters of the local area network.

17. (Currently Amended) The method of claim ~~15~~ 16 wherein the transmission parameters reflect an available bandwidth for transmitting ~~addressable media~~ the local area network compliant packets to the end-users.

18. (Currently Amended) The method of claim ~~15~~ 16 wherein the transmission parameters reflect an available processing capacity of the end-users.

19. (Currently Amended) The method of claim 15 wherein ~~the step of~~ converting comprises compressing the media stream packets in response to transmission parameters of the local area network.

20. (Currently Amended) The method of claim 13 wherein ~~the step of~~ converting comprises at least one step selected from the group consisting of: multiplexing; re-multiplexing; rate adaptation; PID re-stamping; PCR re-stamping; and updating system information embedded in transport streams.

21. (Currently Amended) A system for providing media packets to users, the system comprising:

a receiver array for converting RF signals representative of media packets to non-addressable media packets; and

a broadband multimedia router, coupled between the receiver array and a communication network having a communication network protocol, and configured for selectively converting non-addressable media packets of selected media streams to addressable media packets complying with transmission parameters and with specifications of the communication network protocol by, first, associating the non-addressable media packets with routing information to allow switching of the media packets to appropriate output ports of the broadband multimedia router, and, second, replacing the routing information with Internet protocol address information associated with the selected media streams to which the media stream packets belong, wherein and routing the addressable

media packets ~~are to be routed~~ over the communication network in response to selection signals received from the users.

22. (Currently Amended) The system of claim 21 wherein the transmission parameters reflect an available bandwidth for transmitting the addressable media packets to the users.

23. (Currently Amended) The system of claim 21 wherein the transmission parameters reflect an available processing capacity of the users.

24. (Currently Amended) The system of claim 21 wherein the broadband multimedia router is operable to compress the media packets in response to the transmission parameters.

25. (Original) The system of claim 21 wherein the addressable media packets are multicast over the communication network.

26. (Currently Amended) The system of claim 21 wherein the specifications of the communication network protocol define a format of the addressable media packets.

27. (Original) The system of claim 21 wherein the communication network protocol is selected from a group of protocols consisting of: TCP/IP, and UDP/IP.

28. (Original) The system of claim 21 wherein the broadband multimedia router is operable to implement at least one step selected from the group consisting of: multiplexing; re-multiplexing; rate adaptation; PID re-stamping; PCR re-stamping; and updating system information embedded in transport streams.